ZAGULYAYEVA, A.I., nauchnyy sotrudnik; SHUVAYEV, V.H.

Rapid method for manufacturing leather from whale skin. Kozh.-obuv.prom. no.12:7-9 D *59. (MIRA 13:5)

1. Tikhookeanskiy nauchno-issledovatel'skiy institut morskogo rybnogo khozyaystva i okeanografii (for Zagulyaysva).

(Whale) (Leather)

ZAGULYAEVA, A.I.

USSR/Fnarmacology, Toxicology. Chemotherapeutical Preparations U-7

Abs Jour : Ref Zhur - Biol., No 5, 1958, No 23454

Author : Zagulyaeva A.I.

Inst : Samatov Medical Institute

Title : Sinotomycin Therapy of Typhoid Children

Orig Pub: Tr. Saratovsk. med. in-ta, 1957, 9, 253-261

Abstract : No abstract

Card : 1/1

ZAGULYAYNVA, O.A., assistent

Surgical diseases in middle and old age as indicated by records of the surgical clinic of the Ishevsk Kedical Institute and the city Kedical Experts' Commission on Workers' Disability. Trudy Ishev.gos. med.inst. 13:85-87 '51. (MIRA 13:2)

1. Iz fakul totskoy khirusgicheskoy kliniki Ishovskogo saditsinskogo instituta. Zaveduyushchiy klinikoy prof. S.A. Florov.
(1/15D-SURGERY)

13年11年12年12年1	DEAL CHARLES		1 数据的知识的 医积极	THE SECOND STATE OF THE SE	到18. 化化物品的现在分类的现在分类的	類就則是如此接個時才而由	建岛和西班牙 計劃	《公司》	海域協能	建立 条件	\$5 15 Sept + 1
	ZA60	ILYA	KEVA	V. A.					-		
1					-1		*,				7.
ļ.	•		F. M. September)		•				
}			Seriation personne		A A Separate Course of		•				
1		•	1967 er	mind to spring a 124 as	+#					- 1	
ı			& & Kongresset		K E Bergung		1 - 1				
			Metapa ferencystepa intermet thing sources	ro drodojnostva nedo fatne. Ni	Congestanden de de la constante de la constant	hobood hemiliachtenen.					
			ř. Z. Seramas, 13. E. Kymosponousk		E. C. Servensk, A. E. Peuses	,					
	ŧ		Новосферена станцка р этских сипроженного васту нака	Joys mikestanci & chica- blanesa labarenne & s'aver-	1					1	
			• н	Mad	(c 18 as		,			ì	
ı	'	<u></u>	(c 10 an	(6 uscas)	A. C. Roserton (CMER)	(4 404)		. 1		- 1	
. }			E. A. Outstage,			bringings i samegemer no becolectedment ACB	i	. 4		ı	•
1		1	A. A. Serpennia		to both someterstand	bettercount is summersumer	Ī				
- 1		: :	heraborates beyoners and	breamy . Politically of the speed by Edward Street,	Hermanne states	aparte mantenannes I	;			1	
l			C. M. Remon (Venezues		C. O. Theres	•				1	
	•		Musiprate philate for sex perference dryrates 3		Leant a response) <i>spine recommends on</i> .	* - 1			- 1	
1					1	•					
į								-		ĺ	
	I	•	Company to the contract of the	ht white and the same and			. 1			ı	ء -
!			ينظم الأستران	a salah	grad on the contract of the first tendence.	and and desired of				ļ	
		. 1494	re substitute for the	A	S. CON : HESSELT IN MANAGEMENT			•		٠ ا	:
1		2041	e Referencing and	Riorie look Commander	Lane 20. A. E. Poper (WESSII CONT.	•			ı	
		A.16	1959								
		, 9-1			1000					ŀ	
		4.							•	1	, · e
		4					j	· \		: 1	
		1			1		1	3 *		· · ·	
		' '								[
					Ì		- انگل	· 			
		1			ļ						
	erakan dari	ger dalin garago	m in the last of t	indicate and the				fa tall a		1 3	7.7
				PROPERTY AND ADDRESS OF THE PARTY OF THE PAR	CONTRACTOR OF THE SECOND				品數學	B	TO SERVICE

ZAGULYAYEVA, V.A.

Lunar tidal fluctuations of the minimum effective heights of the F2 layer. Geomag. i ser. 3 no.6:1132-1134 N-D '63. (NURA 16:12)

1. Institut zemnogo magnetizma, lonosfery i rasprostranendya radiovoln AN SSSR.

ZAGULYAYEVA, V.A.

Lunar tidal variations of critical frequencies of the E-layer. Geomag. i aer. 3 no.4:766-767 JI-Ag 163. (MIRA 16:11)

1. Institut zemnogo Ragnetizma, ichosfery i rasprestrareniya radiovoln AN SSSR.

30941

5/570/60/000/017/011/012 E032/E114

9.9100

AUTHOR:

Zugulyayeva, V.A.

TITLE:

Lunar tide oscillations in the ionosphere

Akademiya nauk SSSR. Institut zemnogo magnetizma, SOURCE:

ionosfery i rasprostraneniya radiovoln. Trudy, no. 17(27). Moscow, 1960. Rasprostraneniyo radiovoln i icnosfera.

The present author reports results of calculations of lunar tide changes in the ionosphere. The calculations are based on experimental results obtained in vertical sounding at four TEXT: Soviet ionospheric stations (Ashkhabad, Moscow, Tomsk, Irkutsk). Diurnal effects were excluded by calculating the difference between the observed values and the monthly median value for the same hour. In this way curves were obtained for the lunar variations and Ah'F2 for each lunar phase. The resulting curves were subjected to harmonic analysis and the amplitudes and phases of the first four harmonics were determined. The numerical results obtained are summarised in graphs and tables. Comparison with the results obtained by R.A. Duncan (Ref. 2: Austral. J. Phys., v.9, N 1, Card 1/2

Lunar tide oscillations in the ...

连接中的中国的共和国,因为企业社会。在他们的现在分词的证明有关权利和中的研究的的对抗,这种主义和共和国的企业的,他们可以对于自己的主义的主义的主义的主义的主义和

30941 S/570/60/000/01/011/012 E032/E114

112, 1956) showed that the phases of lunar tide oscillations are approximately the same at all intermediate-latitude stations in the northern and southern hemispheres. The amplitude of the tides decreases with increasing latitude. However, further studies are necessary in order to confirm these conclusions reliably. There are 6 figures, 4 tables and 3 non-Soviet-bloc references. The English language references read as follows: Ref.1: D.F. Martyr. Proc. Roy. Soc., v.194, 425, 1948. Ref.2: R.A. Duncan, Austral. J. Phys., v.9, N 1, 112, 1956. Ref.3: D.F. Martyn, Proc. Roy. Soc., v.189, 241, 1947.

Card 2/2

COLUMN THE PROPERTY OF THE PRO

ZAGUNUNNIKOVA, M.K.

Acceleration of mineralization of food products of animal origin in determination of arsenic. Gig. sanit., Koskva no. 1:41 Jan 1953. (OLKL 24:2)

1. Republic Bureau of Forencic Medicine Certification of the Ministry of Public Health Kasakh SSSR.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420012-3"

ABRAMSON, Kh.I., inzh.; DMITRIYEVA, Ye.R., ZAGUHENNYY, A.I., inzh.; KOCHETOV, Y.V., inzh.; RUMYANTSEV, V.A., inzh.; STSIPIO, Ye.I., inzh.

[Rechnological layouts for equipping mine shafts of mining enterprises with solid concrete supports] Tekhnologicheskie skhemy scoruzheniia shakhtnykh stvolov gornykh predpriiatii s betonnoi monolitnoi krep'iu. Hoskva. Pt.1. [Using KS-3 pneumatic losders in shaft sinking] Prokhodka stvolov s primeneniem pnevmogruzchikov KS-3. 1962. 34 L. (MIFA 1616)

1. TSentral'nyy nauchno-issledovatel'skiy i proyektnokonstruktorskiy institut podzemnogo i shakhtnogo stroitel'stva. (Hine timbering--Equipment and supplies)

m 4 mars #1444	w . T											
ZAGUMENN					÷ .							
 	[Controling	saliniza	tion	in irri	gated 1	ands j	Bor'l	DG B			·	
	[Controling sasoleniem ciad-vo 1962]	roshaam) 69 p. (Irrigat	kh za ion f	mei'. arming)	ZIMA-AU	a, nar (h	(IRA	16:4)				
	•											
									,			
										÷		
	•											
											:	
									.:			•
				٠					:			
				-								
						, .						

PISHKIN, B.A. [Pyshkin, B.A.], otv.red.; ARISTOVSKIY, V.V. [Aristovs'kyi, V.V.], doktor tekhn.nauk, red.; GUZOV, M.Z. [Huzov, M.Z.], kand.tekhn.nauk, red.; ZAGUKENHYY, O.G. [Zahmannyi, O.H.], red.; PZCHKOVSKAYA, O.M. [Piechkovs'ka, O.M.], red.izd-va; MIL'OKHIN, I.D., tekhn.red.

THE OF THE PART OF THE PART CONTINUED BY THE PART OF T

[Calculation of seepage through hydraulic structures; collection of scientific works] Fil'tratsiini rozrakhunky gidrotekhuichnykh sporud; zbirnyk naukovykh prats'. Kyiv, 1959. 161 p.

(MIRA 13:2)

1. Akademiia nauk URSR, Kiev. Rada po vyvchenniu produktyvnykh syl URSR. 2. Chlen-korespondent AN URSR, golova Komisli po problemi kompleksnogo vikoristannya vodnikh resursiv UtSR RPS AN URSR (for Pishkin).

(Hydraulic engineering -- Tables, calculations, etc.)

ZAGUMENN			:					ļ
Windows .	V.Ivanov's Ser. geog.	expedition into no.3:97-102 (Alaska-	o the heart Laje '63. Russian exp	of Alaska. loration)	IEV. All	BSSR. MIRA 16:	8)	
	÷ .			4				
							•	
				, kataliari da P	. · · · ·			

ZAGUMENNYY, V., inch.

Translator testing F-434 voltameter. Fadio no. 20:43-44 0 164.
(MIRA 18:2)

ZAGUNGHNYKH, V.

In the interests of collective farmers. Sov.kras.krest 4 no.1:6-7
Ja-Mr '54.

(MLHA 7:4)

(Kedicine, Rural)

在自己的主要。1915年1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,19

ZAGUINITIEN, V. V.

SPERAMEKAYA, S.M.; ZAGUMENNYKH, V.V. (Koekva)

Activists in rural hygiene. Fel'd. i akush. no.7135-37 JL '54.

(HYGIENE (MURA 7:7)

*Russia, rural areas, sanitary activity)

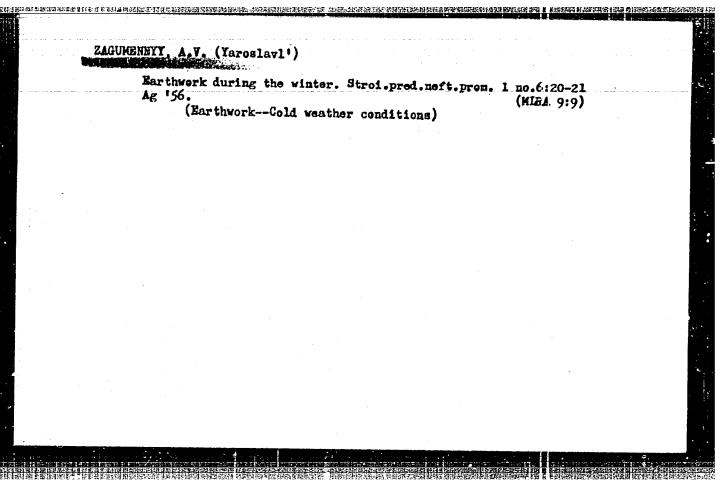
- 1. ZAGUMENNYY, A.
- 2. USSR (600)
- 4. Drainage
- 7. Using a temporary drainage system in putting saline fallows back into production. Khlopkovodstvo no. 12: 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ZAOUHBNWYY, A. I.

"Reclamation Works on Solonchak-Type Fallow Lands in Golodnaya Step'." Min. Culture USSR, Tashkent Inst. of Engineers of Trrigation and Machanization of Agriculture (TIIIMSKh), Tashkent, 1954. (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis', No. 22, 1955, pp 93-105



AUTHORS: Filippenko S.V. and Zagurnyy S.I. (Engineers). TITLE : Automatic butt-welding under a layer of flux ci pipes from 150 to 425 mm diameter. (Avtomaticheskaya svarka pod slovem flyusa stykov trub diametrom ot 150 do 425 mm.) 114-7-10/14 PERIODICAL: "Energomashinostroyeniye" (Power Machinery Construction) 1957, No.7, Vol.3, pp.31-32. (U.S.S.R.)
Automatic welding under a layer of flux has radically ABSTRACT : altered the working conditions of welders and has made it rossible to organise flow production of welded parts. The new method has become widely used in many branches of industry including boiler making. Automatic welding under a layer of flux is widely used in the Podol'sk Engineering works imeni Ordzhonikidze. For a long time particular parts including small diameter tubes were welded by hand. However, an automatic welding procedure has been developed and at the present time all annular butt joints on chambers, straight tubes and other parts from 150 to 425 mm diameter of low carbon steel are welded automatically. In developing the construction of the welding head the feed mechanism of semi-automatic device flui.-5 was taken as a basis. The equipment has a device for straightening the electrode wire, a mechanism for moving the mouth piece with the welding wire to the right and left of the axis of the weld, and a mechanism for controlling the feed of the electrode wire.

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420012-3"

The equipment is controlled by a number of push-buttons. The

Automatic butt-welding under a layer of flux of pipes from 150 to 425 mm diameter. (Cont.)

method of shaping the ends of pipes for butt-welding is illustrated in Fig.1. The butt-joints are assembled and tacked down by welding in three or four places. The assembled butt joints are carefully cleaned particularly at the places of tacking down and are then delivered to the automatic welding installation. The method of making the welded joints is described. As the weld gets wider near the top the mouthpiece and welding wire rock further across the axis of the weld. The weld, when complete, lines up smoothly with the parent metal. The conditions of automatic welding of annular joints, the brand of steel, pipe size and comparative data for hand and automatic welding are given in Table 1. The flux is recovered for further use. The mechanical tests applied to welded joints made on theautomatic equipment are given in Table 2. It is concluded that it is obviously advisable to make the welding of pipes and other parts automatic. The main advantages of automatic welding over hand is that the quality of the welding is much better and the output of the welders is increased three or fourfold. There is no need to employ very highly qualified welders.

2/3

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420012-3"

Automatic butt-welding under a layer of flux of pipes from 150 to 425 mm diameter. (Cont.)

welding gives an economy of electric power, and electrode wire and improves the working conditions of the welders.
There are four figures and two tables. There are no literature references.

AVAILABLE:

PANOV, I.V.; ANTONINOV, V.N.; SOKOLOV, D.D.; ZAGUMENNY, V.V.; CHEREPNIN, S.V.; OBYDENNYY, P.T.; KOROBOV, A.S., red.; KOMONOV, A.S., red. izd-va; KHENOKH, F.M., tekhn. red.

[Provisional technical specifications for planning landscaping operations] Vremennye tekhnicheskie usloviia na proektirovanie rabot po ozeleneniiu. Utverzhdeny prikazom po Ministerstvu kommunal nogo khoziaistva RSFSR No.233 ot 20 oktiabria 1961. Izd-vo M-va kommun.khoz.RSFSR, 1962. 147 p. (MIRA 15:8)

经生产的现在分词 15 元章 经经济的 15 元章 经收益 15 元章 15 元章

1. Gosudarstvennyy institut po proyektirovaniyu kommunal'nogo stroitel'stva.

(Landscape gardening)

KOZLOVSKAYA, L.S.; FADEYEVA, T.N.; ZAGURAL'SKAYA, L.M.

Effect of invertebrates on the decomposition of the upper sphegnum soil. Izv. SO AN SSSR no.12: Ser biol.-med. nauk no.3:50-56 '64. (MIFF 18:6)

1. Institut lesa i drevesiny Sibirskogo otdeleniya AN SSSR, Krasnoyarsk.

ZURKOV, P.E., prof., doktor tekhn. nauk, zasluzhennyy deyatel' rauki i tekhniki RSFSR; TOGUNOV, Yu.V., dotsent, kand. tekhn. nauk; YELENSKIY. S.I., kand. tekhn. nauk; KONDRATENEO, V.P.; TIKHOVIDOV, A.F., dotsent; RUDNIK, M.I., gornyy inzh.; KOFKUNOV, G.S., gornyy inzh.; RACHITSKIKH, L.G., gornyy inzh.; ZAGURAYEY, V.G., gornyy tekhnik

Concerning the book by N.V. Mel'nikov and L.N. Marchenko "Energy of the blast and construction of the charge". Ugol: 39 no.10:62-63 0 '64. (MIRA 17:12)

- 1. Nachal'nik kombinata Chelyabinskugol' (for Kondratenko).
- 2. Glavnyy inzh. Magnitogorskogo rudnika (for Tikhovodov).
- 3. Permskiy politekhnicheskiy institut (for Rudnik, Korkunov).
- 4. Bereznikovskiy sodovyy zaved (for Rachitskikh, Zaguraysv).

SOV 125-58-3-14/15 Gerasimenko, N.I. and Zagurnyy, S.I. AUTHORS: Tests of "ANF-5" Flux in Automatic Welding of IX16N9T-Steel" (Ispytaniya flyusa ANF-5 pri avtomaticheskoy svarke TITLE: stali IX18N9T) Avtomaticheskaya svarka, 1958, Nr 3, pp 90-92 (USSR) PERIODICAL: The Institute of Electric Welding imeni Ye.O. Paton developed a new, fused, oxygenless "ANF-5" flux of the following chemical composition: 75 to 80% CaF2; 17 to 25% Na?; ABSTRACT: 2% SiO2 maximum; 0.05% S maximum; 0.02% P maximum. The technological properties of this flux were tested in 1956 at the welding laboratory of the Podol'sk Machinebuilding Plant imeni Ordzhonikidze. Tests were carried out on IX18N9T-steel plates of 1000 x 150 x 10 mm of the following chemical compositions: 0.07% C; 19.50% Cr; 9.56% Ni; 1.11% Mn; 0.48% Si; 0.40% Ti; 0.031% S and 0.012% P. The arricle gives detailed data on the composition of welding rods, seam metal, and the technology of the welding process. Tests have shown that the seam welded with "ANF-5" flux have a high resistance against cracks and corrosion and satisfactory mechanical properties. Card 1/2

SOV 125-58-3-14/15

Tests of "ANF-5" Flux in Automatic Welding of "IX18N9T-Steel"

There are 4 tables and 1 Soviet reference.

ASSOCIATION: Podol'skiy zavod imeni S. Ordzhonikidze (Podol'sk Plant

imeni S. Ordzhonikidze)

SUBMITTED: February 13, 1957

1. Welding fluxes -- Test results 2. Welding fluxes -- Materials

Card 2/2

ZAGUNEUNYY, V.V.

State of murseries in the R.S.F.S.R. Trudy Bot.inst.Ser.6 no.7: 129-131 159. (MIRA 13:4)

-1. Gosudarstvennyy respublikanskiy institut proyektirovaniya kommunal'nogo stroitel'stva, Moskva. (Nurseries (Horticulture))

	Case of broncholithinsis. Suvrem. med.	, Sofia 8 no.3:100-103	1957	
1. Lin 2 1. Lin	1. Iz patologoanatomichnoto otdelenie Khaskovo (Gl. lekar: d-r N. Petev) (BRONCHI, calculi, case report (Bul))	na Okruzhnata bolnitsa	- g.	

ZAGUROV. G.

Rare carcinomatous myxocystomatosis of the liver, Suvrem. med., Sofia. 8 no.9:79-82 1957.

1. Iz Patologoanatomichnoto otdelenie na Okruzhneta bolnitsa - Khaskovo. (CARCINOMA COLLOID, case reports

bile duct, with myxocystomatosis of liver & peritoneum) (LIVER, cysts

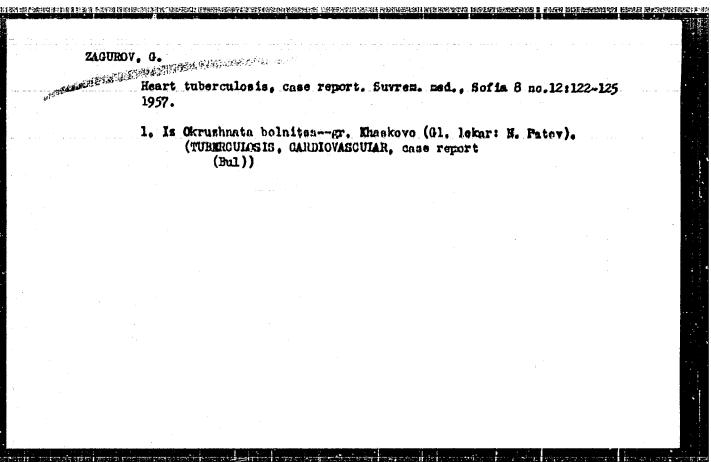
myxocystomatosis, with colloid carcinoma of bile duct & myxocystomatosis of peritoneum)

(BILE DUCTS, neoplasms

colloid carcinoma with myxocystomatosis of liver & peritoneum) (PERITONEUM, cysts

myxocystomatosis, with colloid carcinoma of bile ducts & myxocystomatosis of liver)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420012-3"

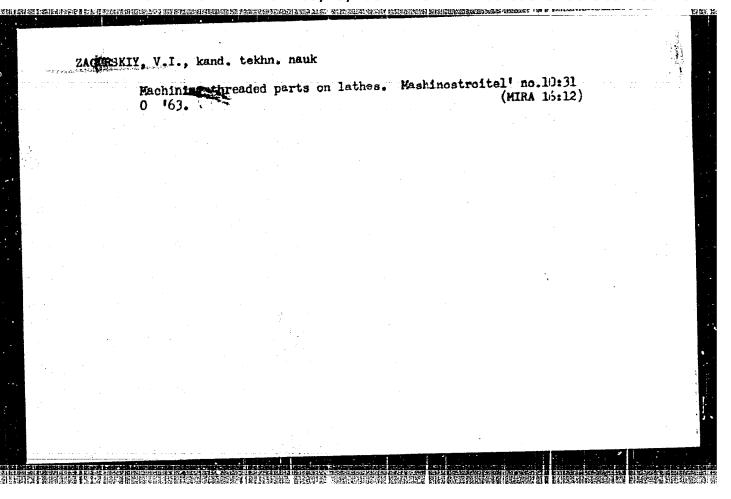


ZAGUNOV, G. ** Cuse of funicular myelosis in chronic rheuratism. Suvrem. med., Sofia 9 no.6:98-99 1958. 1. Is Patologoanatomichnoto otdelenie pri Okrushnata bolnitsa v gr. Khaskovo. (Gl. lekar: N. Petev). (SPINAL COMD. dis. funicular myelosis in chronic rheum., case report (Bul)) (RHEUMATISM, compl. funicular myelosis in chronic rheum., case report (Bul))

ZAGURSKIY, V.A.; ZAL'TSMAN, L.G.; CHERNAYA, S.M.; CHAYKOVSKIY, Yu.S.

The AG-16 and AG-18 automatic electroplating lines. Avion, 1 prib. no.2; 66-69 Ap-Je '65.

(MIRA 18:7)



ZACURSKI, Zbignev Pavel [Zagorski, Zbigniew Pavel]; NEY, Vlodzimersh [Ney, Wlodzimierz]

An irradiation unit for the investigation of samples by physical or physicochemical methods in the gamma radiation field. Nukleonika 5 no.4:219-226 160.

1. Institut yadernykh issledovawiy PAN, Varshava, Laboratoriya radiatsionnoy khimii.

 entre de la companya de la companya La companya de la co	
USSR/Medicine - Infectious Diseases Oct 50	
"Listerellosis in Swine," N. I. Zagurskiy, A. S. Pogorelko, Veterinarians Nezhin Inter-Rayon Vet Bacteriol Inst, Chernigovsk Oblast	
"Weterinariya" No 10, pp 26-28	
Observed serious outbreak of listerellosis toward end of Jan 49. Eescribes clinical manifestations, pathol and anat changes, diagnosis and gen etipl of the disease in detail.	
18 6 193	

ne all minimized living	WHSKIY, V.I.			0 - 1.		
	30 F 157.	e assembly ic	r making gr	conves. Del'k	hozmashina no.2: (MIRA 10:4)	*
		(Metal cu	tting)			
			•			
				•		
				1		
					•	
	•					

AUTHOR:

Zagurskiy, V.I., Engineer

117-3-4/28

TITLE:

Machining Cylindrical Bodies Without Cutting (Obrabotka tel

vrashcheniya bez snyatiya struzhki)

PERIODICAL: Mashinostroitel', 1958, # 3, p 10-13 (USSR)

ABSTRACT:

The article contains general information available on existing

methods of forming screw thread, gears, and spline shafts by

rolling.

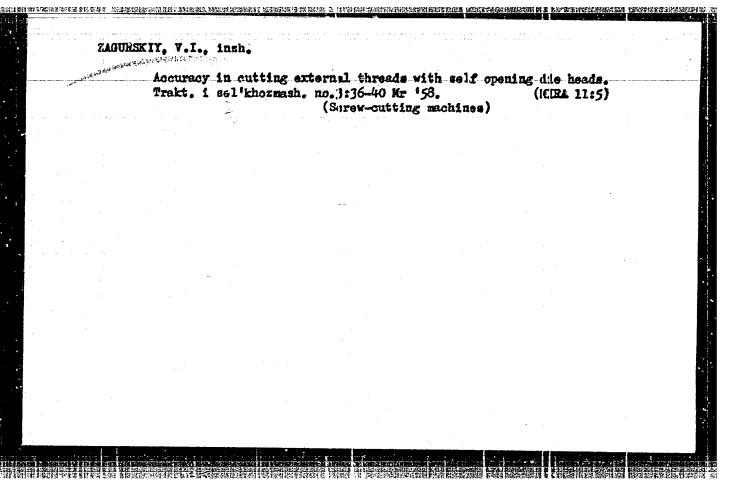
There are 8 figures and 7 Russian, 2 English, and 1 German

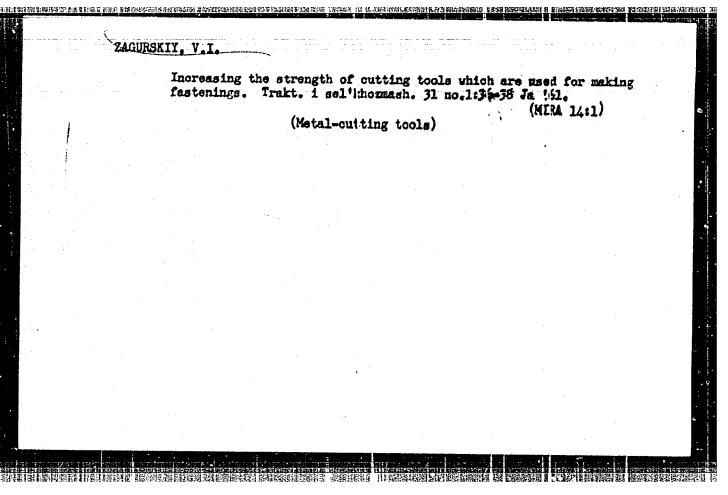
reference.

AVAILABLE:

Library of Congress

Card 1/1





	Automated	thread cutting.	Trakt. i sel'khoz	mash. 31 no.	3:46-47 Kr 1	61.
		(80	prew qutting)		(HIRA 1413)	
		•				
			•			
•						
•						

ZAGURSKIY, V.I., kand.tekhn.nauk

Active control in machining bushings. Mashinoutroitel' no.8:5
Ag '62. (MIRA 15:8)

(Metal cutting)

ZAGURSKIY, V.I., kand.tekhn.nauk

Grinding helical surfaces with an unequal pitch. Kudinostroenie no.6:16-19 N-D '62. (HIR 16:2)

1. Hauchno-issledovateliskiy institut tekhnologii mashimastroyeniya Rostovskogo soveta narodnogo khozyaystva.

(Grinding and polishing)

ZAGURSKIY, V.I., kand.tekhn.namk; PAVLYUCHEMKO, (.L.

High-speed machining of taper keys. Mashinostroitel'
no.11:34 N'62. (MIRA 15:12)

(Keys and keyways (Steelwork))

(Turning)

ZAGURSKIY, V.I., kand.tekhn.nauk

Machining spherical surfaces with cutting cools having rectilinear cutting edges. Mashinostroenie no.1:27-31 Ja-F '62. (MIRA 15:2)

1. Rostovskiy zavod sel¹skokhozyaystvennogo mashinostroyeniya.

(Metal cutting)

S/117/62/000/008/001/005 1007/1207

AUTHOR:

Zagurskiy, V.I. Candidate of Technical Sciences.

TITLE:

Operational control during machining of sleeves

PERIODICAL: Mashinostroitel', no. 8, 1962, 5

TEXT: The paper contains a detailed description of three different devices designed to ensure automatic operational control and shecking of dimensions during machining, in order to reduce idling time of machines during measuring operations, the quantity of rejections, and the number of operators. The first device ensures greater accuracy of dimensions compared with that obtained with other similar attachments. The second device combines automatic control of dimensions with selection of the proper position of the components for any subsequent operation. The third device ensures automatic and periodical control of dimensions after a certain number of parts have left the none of machining. There are 3 figures.

Card 1/1

Mechanization no.12:10-11 D	of the mam 161. (Machine	ifacture of toolsTec	fastening	parts. Mash (MIRA 1/-12) innovations)	imostroite)
<u> </u>					
					·

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420012-3"

ZAGURSKIY, Vitaliy Ivanovich; ROKHLENKO, M.A., insh., retsonzent;
NIKIFOROVA, R.A., inzh., red.; GORNOSTAYPOL'SKAYA, M.S.,
tekhn. red.

[Automated manufacture of threaded fastenings] Avtomatizirovannoe proizvodstvo rez'bovykh krepezhnykh detalei. Moskva, Machgiz, 1962. 120 p. (Fastenings) (Automation)

PHIHAD ENTH REFERINGENING BETERNING FERTERNING REGERIAL PROGRAMMENT FOR THE PROGRAMMENT OF THE PROGRAMMENT O

S/121/61/000/004/008

D040/D113

A substantiation of the isotopic method of wear registance determination for cutting tools

PERIODICAL: Stanki i instrument, no. 4, 1961, 25-26

PERIODICAL: Stanki i instrument, no. 4, 1961, 25-26

TEXT: The essence of the method is discussed with references to several solve and English-language publications, and its application is advocated in view of its speed and possible wear measurements on tools such as milling in view of its speed and possible wear measurements on tools such as milling cutters, taps, or broaches. The author proves by reasoning and calculation that the well-known empirical cutting theory formula of relation between that the well-known empirical cutting theory formula of relation between that the well-known empirical cutting theory formula of the isotopic and geometrical methods are identical, the radioactivity (A) of the wear products metrical methods are identical, the radioactivity (A) of the wear products

S/121/61/000/004/004/008 D040/D113

A substantiation of the isotopic method

being proportional to their mass:

(7)

(where k is the proportionality factor that depends on the specific radioactivity of the tool and on the characteristic of the counter). A formula is deduced for the case of definite radioactivity of the tool metal and constant counter characteristic:

(where t is time, and \mathcal{O} , the incline angle in Fig.3), and a graph plotted in logarithmic coordinates (Fig.3). The tangent of the angle \mathcal{O} is $\frac{1}{m}$ where m is the relative durability factor in formula (2)), and tg \mathcal{O} which is inverse to m. The author points out that the method will give \mathcal{M} which is inverse to m. The author points out that the method is a means of speedy determination of economically most advantageous wear is a means of speedy determination of economically most advantageous resistance of tools at certain selected cutting speed using the NIBTN

Card 2/4

"APPROVED FOR RELEASE: 03/15/2001

A substantiation of the isotopic method S/121/61/000/

formulas

$$T_{adv} = (\mu - 1) \left(t_{rep} + \frac{s}{a_{op} + a_{maoh}} \right) min.$$
 (10)

(where t is time in minutes required for replacement and set-up of tool during its durability period; S - the cost in kopecks of the tool use during same period; a - the basic and additional operator's earnings per minute in kopecks; a mach - the cost of machine operation per minute in kopecks). There are 3 figures and 7 references: 4 Soviet and 3 non-Soviet-bloc. The two references to English-language publications, in Rudsian transliteration, read as follows: Guk, R.T., "Machinery" (London), no.88 (2256), 1956, p 245-248; Radioactive indicators, "Aircraft Production", no. 17, (5), 1955, pp 170-175.

Card 3/4

S/118/60/000/011/001/014 A161/A133

AUTHOR:

Zagurskiy, V.I., Candidate of Technical Sciences

TITLE:

Overall mechanization in the production of threaded fasteners

PERIODICAL:

Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 11, 1960,

1-5

TEXT: A general review is made of the development in the USSR since 1951. There are now many automatic lines producing screws, bolts and nuts, and their major units are cold heading and thread rolling machines. The economic advantages of thread rolling are stressed. The review is accompanied by brief descriptions of automatic lines at some USSR plants. A line at the "Rostsel'mash" plant (Fig.1) consists of a post with coil (1), a cold upsetting automatic (2), a trimming machine (3), a tumbling drum (4), a thread rolling automatic (5) with flat threading dies, and an anticorrosive-treatment set (6). Bolts are conveyed from machine to machine by chutes (7), inclined conveyers (8), loading hoppers (9) and an elevator (10), and ready bolts travel by the chute (11) into the box (12). The line is worked by one operator and one setter. The hoppers of the trimming and rolling

Card 1/8

S/118/60/000/011/001/014 A161/A133

Overall mechanization in the production ...

machines are of blade type, produced as individual units with own drive. One line replaces 20 men. At the ZIL plant, bolts are stamped without metal waste on a two-stroke automatic machine, and an automatic line consists of two machines only - a cold heading, and a thread rolling machine. At the "Krasnaya Etna", a line (installed under supervision of A.A.Preobrazhenskiy) produces bolts with ball head and square underhead (Fig.2); it consists of a post (1), a two-stroke cold upsetting automatic (2), a washing machine (3), an annealing set (4) with induction heater (5), a water tub (6), and & thread rolling machine (7), all connected with flexible apron conveyers (8) and chutes (9). The use of four-stroke or five-stroke combination machines (instead of two-stroke machines) is mentioned as promising in giving high effects; thread rolling machines working with two rollers instead of flat dies are mentioned (are used for high-strength bolts). Special or precision bolts are produced by cutting; such lines are placed either in special mechanical shops, or in shops producing the equipment in which the bolts are used. One such line (Fig. 3) at the "Serp i Molot" plant in Khar'kov includes an automatic four-spindle lathe (1), machines for rough countersinking (2), drilling and milling (3), finish countersinking (4) and a heat-treatment

Card 2/8

Overall mechanization in the production ...

S/118/60/000/011/001/014 A161/A133

hopper (5); three pneumatic lifts (6), an elevator (7), chutes (8) and hoppers (9) connect the machines into line. At many plants the chain elevators and conveyers with metallic buckets used in the beginning are being replaced by more dependable and convenient transportation means requiring no pits and permitting installation of the machines at an angle to one another which facilitates the work of operators) instead of in one straight line. One such line at "Krasnaya Etna" is shown in diagram (Fig. 4). It is recommended to replace the cumbersome chain conveyers by other types - net conveyers with angle iron bars, rake conveyers, vibrational, worn type; to reduce down-time in lines by proper choice of material, the use of sintered carbide tools, loading hoppers between the machines. The advantages of multi-station bolt automatics are stressed - high productivity and little occupied floor space. A typical automatic line producing standard M6-M24 nuts usually consists of one 5-position nut-upsetting automatic and three thread cutting machines, working with curved taps, at a rate of 50-100 nuts a minute (down time not considered). In production of large bolts and nuts separate operations are performed in horizontal forging machines with automatic blank feed by grips, special nuts heading machines. At some large plants electric heading automatics are fitted with built-in electric heating

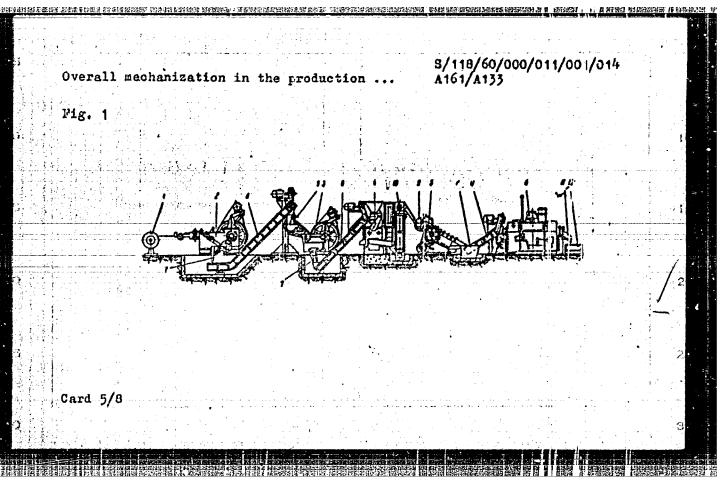
Card 3/8

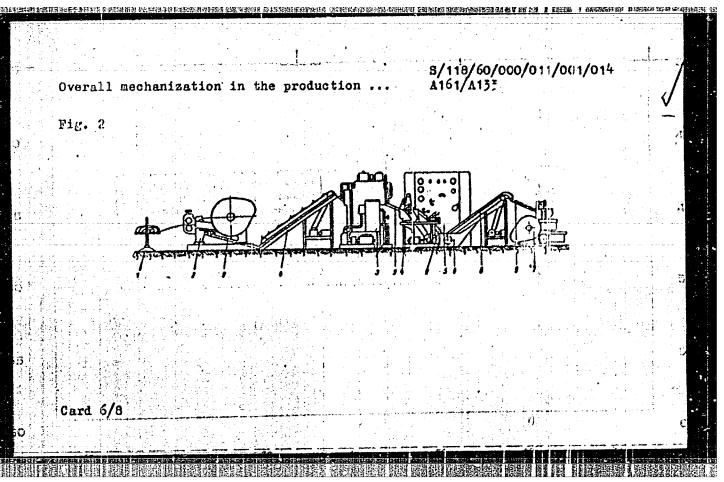
Overall mechanization in the production ...

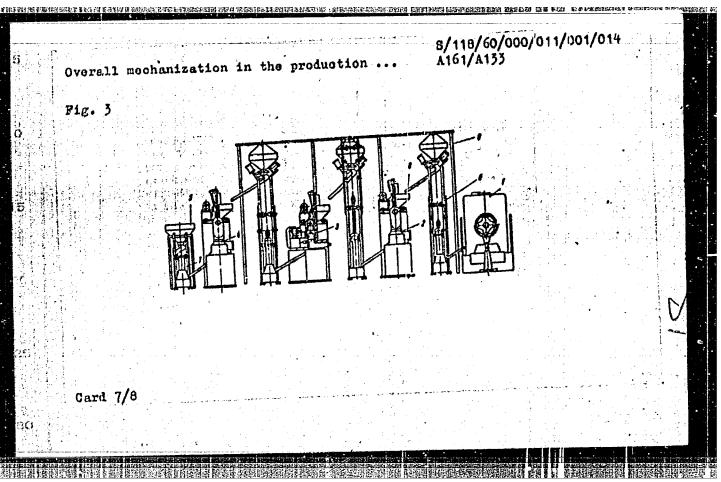
B/118/60/000/011/001/014 A161/A133

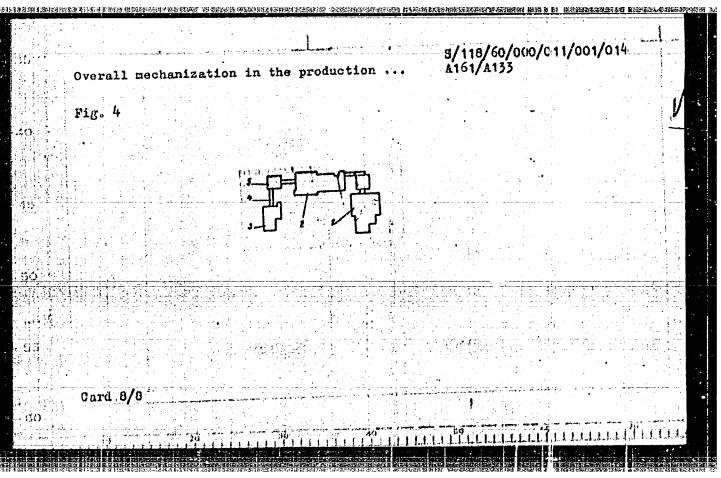
The Special Design Bureau of the Odessa Sovnarkhoz has developed a vertical multi-spindle nut-threading automatic that can cut 20-36 mm thread diameter nuts at a rate of 500 per hour. Some machines include hardness tests by high-speed hydraulic hardness meters with a 10 mm ball. Bolts are moved under the ball on a disc, and 1,200 bolts can be tested per shift. The Avtomobil nyy zavod im. Likhacheva (Automobile Plant im. Likhachev) has production counters on cold heading and multi-spindle automatic lathes. About one thousand automatic lines and multi-position machines have to be put into service in the USSR during the current Seven-Year Plan. There are 4 figures and 1 table.

Card 4/8









						Ī
ZAGURSK	IY, V.I.					Ī
	Cold and hot for	rolling of gear wheels. Mashino	stroite (MEA] no.12:		
		(Gear shaping machines)				
			*	1		
				• • • • • • • • • • • • • • • • • • • •	•	
				·		
	en e					
				e de la companya de l		
					÷	
					-	í
			5			

ROMMERSKOOM (TERRECHTSE) – NISKA – NISKA ROMENDERSKOOMERSKOOMERS DE FERENGE BERKEEN LEGGER DE FERENGE FEER GEROOM DE

PHASE I BOOK EXPLOITATION

SUV/5187

Zagurskiy, Vitaliy Ivanovich

Progressivnyye sposoby obrabotki rez'by (Advanced Threading Methods) Moscow, Mashgiz, 1960. 163 p. 11,000 copies printed.

Reviewer: A. V. Rabotin, Engineer; Ed.: S. P. Shabashov, Candidate of Technical Sciences; Tech. Ed.: N. A. Dugina; Executive Ed. of Ural-Siberian Department (Mashgiz): A. V. Kaletina, Engineer.

PURPOSE: This book is intended for designers and process engineers.

COVERAGE: The author reviews existing threading methods and describes the processes, machines, tools, and automating devices used in each method. Data are advanced concerning thread accuracy and the areas of application pertinent to each method. Special emphasis is given to a consideration of the economic effectiveness of the various threading methods and recommendations are made with regard to the choice of the most suitable of these methods. The works of E. I. Fel'dshteyn, A. P. Gubin, M. I. Basov, and

Card 1/6

vavaucea	Threading Methods SOV/5187	
M. I. There	Pisarevskiy are mentioned as having been used by the au are 149 references, all Soviet.	thor.
TABLE OF	CONTENTS:	
Foreword		3
Introduc	t1on	5;
	PART ONE. THREAD CUTTING	
Ch. I.	Thread Cutting With Single-Point Tools and Chasers	Çi.
and cl	rsal thread-cutting methods with single-point tools nasers al automation of thread cutting with a single-point	10
tool		19
Multip	ple-thread cutting and automation of indexing of starts	25
Automa	tion of threading on universal machines	27
Automa	tic thread-cutting attachments for automatic and auto- turret lathes	31

s subset in this breading and all all the control and the control of the control

S/117/60/000/012/010/022 A004/4001

AUTHOR:

Zagurskiy, V. I.

TITLE:

Cold and Hot Rolling of Gears

PERIODICAL: Mashinostroitel, 1960, No. 12, pp. 29-30

TEXT: Comparing thread-cutting and thread rolling operations, the author points out that in the former process 15% of the metal is removed in the form of chips, while thread rolling makes it possible to increase the efficiency of gear working processes by 15 - 20 times. The loss of metal with the latter process amounts only to 3 - 4%. Thread rolling of small-module teeth(up to lnm) is generally effected by the cold method, while hot rolling or combined hot and cold rolling is used for cylindrical gears with modules in the range of 3 - 10 mm and conical gears of up to 4.5 mm. Moreover, the author points out that thread rolling of gears with modules up to 1 mm is generally carried out by the thrufeed method (with longitudinal feed of the workpiece), while steel gears with modules over 1 mm are rolled by the infeed method (with radial feed of the rolling dies). Gears with a surface finish of the 7th and 8th class according to FOCT (GOST) 2789-51 can be obtained if rolling dies with polished working surface are used

Card 1/4

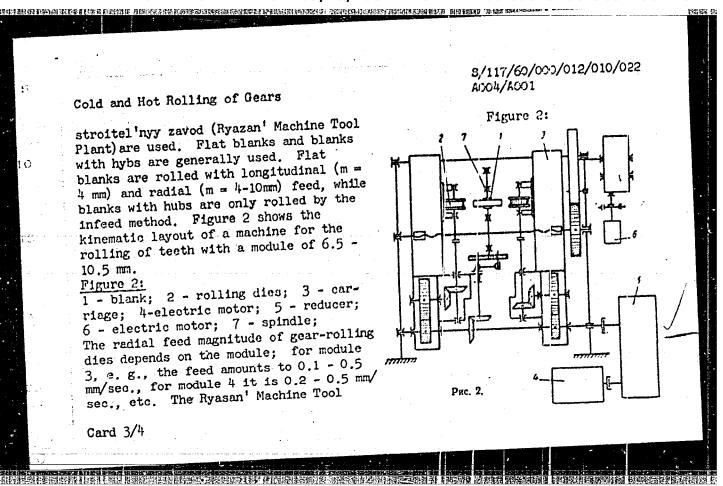
S/117/60/000/012/010/022 A004/A001

Cold and Hot Rolling of Gears

and attention is paid that the axes of revolution of all dies are strictly parallel to the direction of the carriage feed. The radial webbling of the gear rim including the eccentricity relative to the fitting hole and the noncircularity of shape of the initial teeth periphery will be within the range of the 3rd or even the 2nd class of precision according to GOST 1643-46. It was found that the larger the angle between the gear axis and the direction of the teeth line, the lower the stress taken up by the rolling tool and the higher the quality of the rolled teeth. The author recommends, in order to increase the uniformity of the efficiency of the rolling process, to roll simultaneously two or three blanks on a common mandrel. It was found that by the infeed method on machines with two dies three gears with a module of 1.25 mm with an angle of inclination of the teeth line of 77° are rolled within 15 seconds. Taking into account the auxiliary time, the productivity per hour amounted to 150 parts. Gears with 55 teeth of the same module are machine within 35 seconds, while the machining time for gears with 24 teeth is 20 seconds. The author mentions another cold-rolling process of gears developed in the USA and called Roto-Flow (roto-flo), generally used for the rolling of skew and straight gears on the ends of long shafts and similar components. In the Soviet Union hot-rolling mils designed by TiNIITMASh, ENIMS, Khar kovskiy traktornyy zavod (Khar kov Tractor Plant) and Ryazanskiy stanko-

Card 2/4

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420012-3"



is through the production of t

Cold and Hot Rolling of Gears

3/117/60/001/012/010/0:22 A004/A001

Plant has mastered the production of the OC-1 (OS-1) gear-rolling machine for the manufacture of gears 40 - 250 mm in diameter with modules up to 5mm. Such a machine replaces more than 10 gear-cutting machines. The piece-time for one part amounts to 1.5 - 2 minutes only. The resistance to wear of hot-rolled gear teeth is by 1.5 times higher and the fatigue strength by 10% higher than the corresponding values of milled gears. The Khar'kov Tractor Plant used for the first time a combined method of hot and cold gear golling. This method reduces the machining time of gears by 5 times. Manufacturing costs for gears 200 - 250 in diameter with modules of 5 mm were reduced by 20%. The mass production of gears by this method warrants a high precision (of the 2nd class for 9% of the rolled gears). Bevel gears, the rolling of which was mastered between 1955-1958, are manufactured with modules up to 4.5 mm and maximum diameters of 200 mm. It takes only 2 minutes to generate such teeth. There are 2 figures.

Card 4/4

ZAGURNIN, V. I., kand. tekhn. nauk

Over-all automation in the manufacture of screw fastenings. Nekh.i avtom. proisv. 14 no.11:1-5 N '60, (MIRL 13:11)

(Automation) (Bolts and nuts)

TARRESKIY, Vitaliy Ivanovich; RABOTIH, A.V., insh., rotsensent; SHARASHOV, S.P., kend.tekhn.nauk, red.; DUGIHA, W.A., tekhn.red.

[Advanced methods for shaping screw threads] Progressivnyo sposoby obrabotki rez'by. Koskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1960. 163 p. (KIRA 14:2) (Screw cutting)

ZAGURSKY. V.I. Improving the manufacture of fastening parts. Mashinostroitel' no.8:6-9 Ag '60. (Machinery industry—Technological innovations) (Automatic control)

ZAGURSKIY, V. I. Cand Tech Sci -- (diss) "Study of the process of knurling of external threads with longitudinal feeding." Mos. Fublishing House of the Acad Sci USSR, 1959. 22 pp (Acad Sci USSR. Inst of Machine studies).

175 copies (KL, 43-59, 124)

-44-

ZAGURULKO, L. T., LEBEDINERIY, A. V., DIONEROV, J. M. and TUETSAYEV, Zh. P.

"The Effect of Physical Effort on the Dark-Adaptation of the Eye", Fiziolog. Zhurnal SSSR, Vol. 16, 5th ed., 1933.

Princtional treaties of the Micel substance in the receptor neurons of the imagilar. United gills onc.6:741-743 N-D '64. (MIRA 18:8) 1. Faradra fiziologii theloveka i znivotnykh Restovekogo universiteta.													
the crayfish. Unitedogria o no.6:741-743 R-0 '04. (MIRA 18:6)	-	La Reserve de Subserve	la follo	نی چدا ادا سوار و چرمیدند .	. « የ . ፥ አል	ी दव ी	enhete	ance ir	1 the rece	epto:	r neuro	ns. of	
1. Fafadra fiziologi: rholoveka i znivotnykh Restovskogo universiteta.			the crayin	ir. isto	Logalia	to no.6	141-14	استنا لها	. 104.	(!	MIRA 18	:8)	· .
			1. Mafedra	fiziolog	ii shal	oveka	i anive	otnykh	Restovsk	go 1	ınivers:	itota.	* 3*
									ef.			•	
							· .						
	ali di Salah Kabupatèn Kabupatèn									*			
						* .			3				
				ie er				· .			•		
						•						*	
						•							-
		e Tarangan											
					*.								

KOGAN, A.B.; ZAGUSKIN, S.I.

Relationship between ribonucleic acid dynamics and electrical activity of the single stretch neuron of the crayfish susple during excitation and inhibition. Zhur. evol. biokhim. i fiziol. 1 no.1:59-66 Ja-F '65. (MIRA 18:6)

THE CHARLES HE RESERVED IN THE PROPERTY OF THE

1. Kafedra fiziologii cheloveka i zhivotnykh Rostovskogo miversiteta.

ZAGUSKIN, S.L.

Dynamics of ribonucleic acid in the receptor neuron of the crayfish during excitation and inhibition. Nauch.dokl.vys.shkol; biol.nauki no.3136-39 165. (MIRA 16:8)

-1. Rekomendovana kafedrov fiziologii cheloveka i zhivotnykh Rostovskogo gosudarstvennogo universiteta.

		L 27633-66 ACC NR. APSO16126 (A. N) SOURCE CODE: UR/(325/65/COO/003/0036/0039)
(a) - 10 (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		AUTHOR: Zaguskin, S. L.
		ORG: Department of Human and Animal Physiology, Rostov State University (Kafedra Fiziologii cholomeka i zhivetnykh Postovskepe gosudarstvennose universiteta)
1		TITIE: RNA dynamics in the receptor neuron of the crab during excitation and suppression 22
\$ 1.5 miles		SOURCE: Rauchnyye doklady vysshey shkoly. Biologicheskiye nauki, no. 3, 1965, 36-39
-	-	TOPIC TAGS: RNA, neuron, electrophysiology
		ABSTRACT: Combined electrophysiological and histochemical methods were used to investigate RMA dynamics in a single receptor neuron of a crab. An electric stimulus was applied in five variants: low-strength, medium-strength, high-strength, repeated excitation, and suppression. With low-strength atimulation the muscles stretched 10-20% of their length. Both 5 minute and 20-minute stimulation resulted in a moderate increase in the amount of RNA and the size of the neuron body. There was practically no change in RMA concentration. With a medium stimulus the muscles stretched 40-60% of their length. There was a considerable increase in the size of the neuron body and the amount of RNA. RNA concentration was higher than in the control. The strong stimulus resulted in a certain increase in the
	L	Card 1/2
1843	7.5	

of R supp neur in t	MA decreased in re-stimuresion led to a sharp ron body decreased. The	a reduction in RNA concentration. The amount stated receptors. Excitation resulting in rise in RNA concentration. The size of that experiments show that changes can take place of thout any essential change in its concentration. JFRS	P. Selection of the sel
SUB (CODE: 06 / SUBM DATE:	23May64 / ORIG REF: 009 / OTH REF: 005	

ZAGUSKIN, Vladimir L'vovich; LOPSHITS, A.M., red.; VARPAEHOVSKIY, F.L., red.; MURASHOVA, N.Ya., tekhn.red.

的一种,我们可以是一个工程,这个工程,这个工程,这个工程,这个工程,我们也不是一个工程,我们也不是一个工程,我们也不是一个工程,我们也不是一个工程,我们也不是一个

[Handbook of numerical methods for solving algebraic and transcendental equations] Sprayochnik po chislennym metodam resheniia algebraicheskikh i transtsendentnykh uravnenii.

Pod red. A.K.Lopshitsa. Moskva. Gos.izd-vo fiziko-maten.

lit-ry. 1960. 216 p. (MIRA 13:4)

(Equations--Mumerical solutions)

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420012-3"

ZAGUSKIN, v.L. Surfaces which can be transferred into thermelves by affine transformation. Izv. vys. ucheb. zav.; mat. no.2;96-103 '60. (MIRA 13;?) 1. Taroslavskiy pedagogicheskiy imstitut im. K.D. Ushinskogo. (Surfaces)

16(1) AUTHOR:

Zaguskin, V.L.

SOV/155-58-3-10/37

TITLE:

On a Kind of Finsler Spaces and Motions in the Minkowski Space (Ob odnom vide prostranstv Finslera i dvizhenijakh v prostranstve Minkovskogo)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1958, Nr 3, pp 50-52 (USSR)

ABSTRACT:

According to the papers of V.V. Vagner Ref 1,27 the geometry of Finsler spaces is investigated on the base of the Minkowski geometry. The author formulates 14 theorems without proof, e.g.:

Theorem: In a rigid affine Finsler space the connection is

determined uniquely and it has a zero curvature.

Theorem: A Berwald space (see / Ref 2 /) is an affine Finsler

Theorem: The direct product of Berwald spaces is a Berwald space

An affine Finsler space is a Finsler space in which all local

Card 1/2

APPROVED FOR RELEASE: 03/15/2001 CIA-RDP86-00513R001963420012-3"

On a Kind of Finsler Spaces and Motions in the Minkowski Space

SOV/155-58-3-10/37

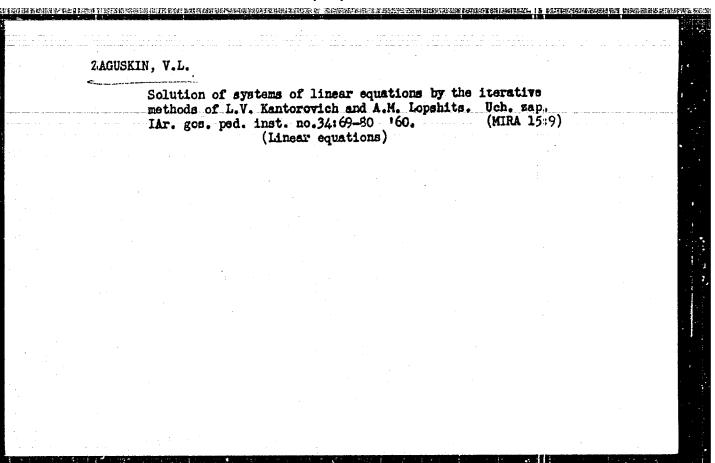
Minkowski spaces are isometric. A Finsler space is rigid if at least in one Minkowski tangenting space the rotation group is finite.

There are 5 references, 2 of which are Soviet, 1 American, 1 Swiss, and 1 German.

ASSOCIATION: Yaroslavskiy gosudarstvennyy pedagogicheskiy institut imeni
K.D.Ushinskogo (Yaroslavl' State Pedagogical Institute imeni
K.D.Ushinskiy)

SUBMITTED: April 15, 1958

Card 2/2



用用了解用的主要系统主要的的政策和特殊的公司于2018的重要的通过的重要的企业的主要的主要的主要的主要的主要的主要的主要的主要的主要的主要的。1925年2月1日 1925年2月1日 1925年2月 1925年2月1日 1925年2月 1925年2月1日 1925年2月1

ZAGUSKIN, V.L.; MOSKVITINA, I.I.

Convergence of N.V.Paluver's method of polynomial factorization.

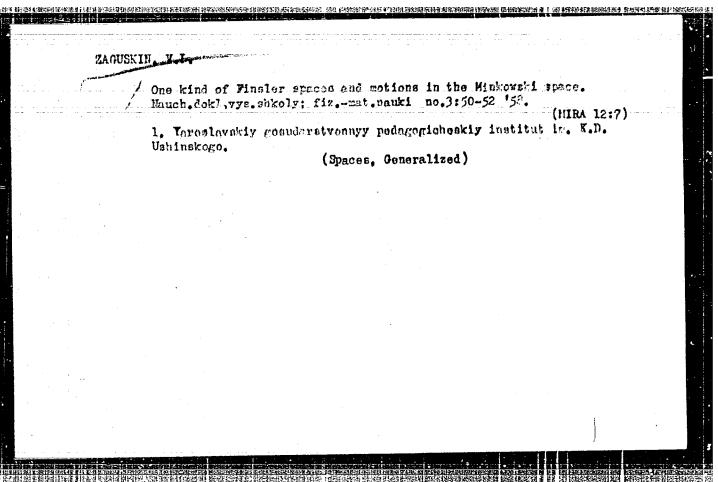
Dokl. na nauch. konf. 1 no.3:68-71 '62. (MIRA 16:8)

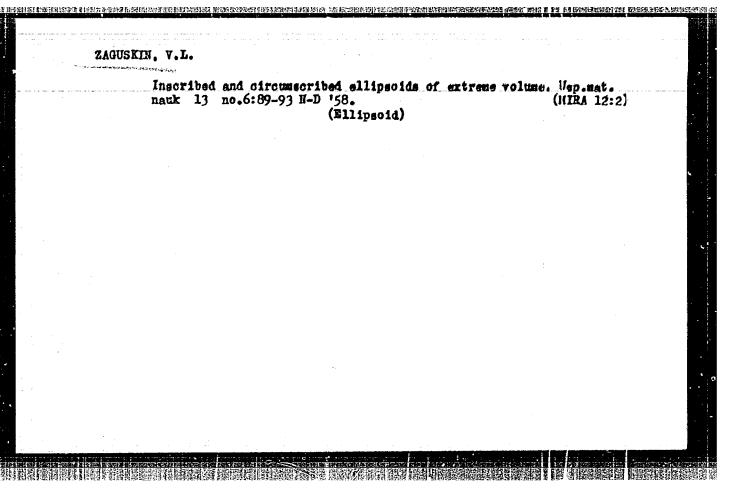
(Factors (Algebra))

ZAGUSKI	V, V.L.										
	Some pa	roblems no.34:83	in Fir -110	nsler g '60. (Geo	metry,	y. Uch. Differe	zap.] ntial)	Ar. god (MIRA	15:9)	• :	
											•
											•
						2 · · · · · · · · · · · · · · · · · · ·					
					•						
				-					-		

ZAGUSKIN, V. L. Cand Phys-Math Sci -- "Certain problems of Finsler's geometry." Saratov, 1961 (Saratov State Univ im N. G. Chernyshevskiy). (KL, 4-61, 183)

-14~





AUTHOR: `

Zaguskin, V.L.

SOV/42-13-6-51/33

TITLE:

On dircumscribed and Inscribed Ellipsoids of Extremal Volume

(Ob opisannykh i vpisannykh ellipsoidakh ekstremal'r.ogo

ob"yema)

PERIODICAL: Uspekhi matematicheskikh nauk, 1958, Vol 13, Nr 6, pp 89-93 (USSE)

ABSTRACT:

The author's results are surpassed by the paper of Danzer

[Ref 1].

There are 6 references, 4 of which are German, 1 Swiss and

1 American.

SUBMITTED: July 4, 1957

Card 1/1

YEFREMOVICH, V.A. (Moskva); LEVIN, V.I. (Moskva); MARKHASEV, G. (Klyaz'ma);
ONOFRASH, Ye. [Onofras,E.] (Yassy, Rumyniya); RYBAKOV, L.M. (Yaroslavl');
ZAGUSKIN, V.L. (Yaroslavl')

Brief notes. Mat.pros. no.62255-265 '61. (MIRM 15:3)
(Mathematics—Problems, Sercises, Coc.)

L 12741-63	EDS/EXT(a)/FCC(v) AFFTC LJP(C) 5/208/63/003/002/((6 /024 5 /
AUTHOR:	Zaguskin, V. L. and Kharitonov, A. V. (Moscow)
TITLE:	Solution of the stability problem by iteration
PERIODICAL:	Zhurnal vychislitel'noy matematiki i matematicheskoy fizili, v. 3, no. 2, 1963, 361-364
and a	The direct Pouss-Muratte method for studies of the stability of dif-
	na talka na katana na maraka katana na mana mana mana mana na m Mana mana na m
. Ello lu S	The number of iterations does not depend on the power) the DOLYNORT

L 127l,1-63	\$/208/63/003/002/001 one	
		!
of the initial polynomial, in particular of ter some discussions of the cost o	those close to the imaginery avie.	A!-
The state of the s	The state of the s	ه `
	•	
SUBMINIEL: April 5, 1962		
SUBMINIEL: April 5, 1962	** *	
SUBMINIEL: April 5, 1962	** *	
SUEMINIEL: April 5, 1962		
SUBMITED: April 5, 1962	in de la companya de Companya de la companya de la compa	
SURMITEL: April 5, 1962 Card 2/2		

subject to boundary conditions

$$\alpha_1 u + \beta_1 \frac{\partial u}{\partial x} = 0 \quad (x = -l_1); \quad \alpha_2 u + \beta_2 \frac{\partial u}{\partial x} = 0 \quad (x = l_2).$$

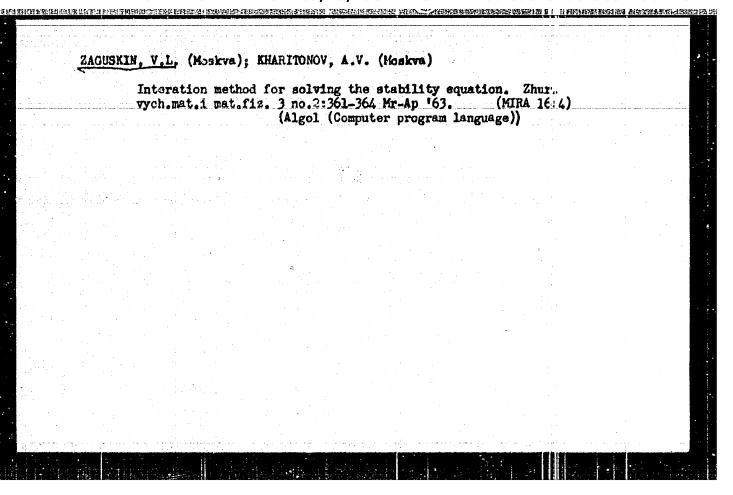
$$u_{-\alpha} = u_{4\alpha}; \quad \alpha_1 \frac{\partial u}{\partial x} = \alpha_2 \frac{\partial u}{\partial x} = \alpha_2 \frac{\partial u}{\partial x} = 0.$$

These equations are written in difference form and the following two necessary conditions are derived for stability of the solution

Card 1/2

 $a_1/h_1 > a_2/h_2$ (c -> 0)

L 00383-66	
ACCESSION HR: AF5021269	
	e, ≥52 (c + ω).
The gas dynamics equation	is are expressed by $\frac{\partial u}{\partial t} = \frac{\partial u}{\partial t} + \frac{\partial u}{\partial t} = 0$.
	$\partial v / \partial t - v_0 \partial u / \partial x = 0, p = Av^{-7}$
The corresponding necessar	ry conditions for stability are given by
	$\frac{v_{\varepsilon}}{v_{\rm el}}\frac{h_{1}}{11} < \frac{v_{\varepsilon}}{v_{\rm el}}\frac{h_{2}}{12} \left(s \frac{v}{h} \to 0\right);$
	$\frac{s_1}{\tau_0} \leqslant \frac{s_2}{\tau_0}, s = \sqrt{\gamma p v} \left(s \frac{\tau}{h} \to \infty\right).$
This second condition bec	omes almost a sufficient condition if $\pi(\tau/l) < 1$. Orig.
art. has: 15 equations.	시 수 등면 있다는 것입니다. 그런 사람들은 사람들이 되었습니다. 그는 사람들이 되는 것이 되었습니다. 한 사람들은 그는 것이 되었습니다. 그런 것이 없는 것이 되는 것이 되었습니다. 그런 것이 되었습니다.
ASSOCIATION: none	
SUBMITTED: 01Dec64	encl: 00 sub hode: Ma, Me
NO REP SOV: OO3	OTHER: OOO
والمراجعة والمسترك والمراز المرازية والمرازية والمرازية والمرازية والمرازية والمرازية والمرازية والمرازية	92 to the second of the control of t
Card 2/2	#####################################



DOLGINOV, L.S., insh.; ZAGUSTIN, S.N., insh.

Blectric furnace used for heating pipes in fitting them for installation. Sudostroenie 24 no.8:69 Ag '58. (MINA 11:10)

(Blectric furnaces) (Marine pipe fitting)

ZAGUTIN, I. H.

Tobacco Manufacture and Trade

Raising the level of training for mechanics' corps. Tabak 13 no. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. IRCLASSIFIED.

"APPROVED FOR RELEASE: 03/15/2001 CIA-RI

CIA-RDP86-00513R001963420012-3

29833-66 EWT(m)/EWP(t)/ETI IJP(c) · JD ACC NR: AP6012239 SOURCE (ODB: UR/0129/66/000)/00/16/0075/0078 AUTHORS: Yurgenson, A. A.; Zagvazdina, Ye. V. 经标识点: B ORG: Turbine Engine Works (Turbomotornyy zavod) TITLE: Multiple nitriding of 1Khl3 steel SOURCE: Metallovedeniye i termicheskaya obrabotka metallov, no. 4, 1566, 75-78 TOPIC TAGS: chromium steel, nitridation, x ray photography, x ray equipment, ammonia, phase composition/ lKhl3 chromium steel, RKD x ray equipment ABSTRACT: Specimens of lKhl3 steel were nitrided in industrial furnaces under the following conditions: heating at 5400 for 12 hrs; ammonia dissociation to 35%; heating at 540C for 48 hrs; ammonia dissociation to 65%; cooling under ammonia stream to 2000; air cooling. This process was repeated. X-ray photographs were taken with a RKD camera. In multiple nitriding of high-chrome steel, the surface layers were decarbonized; iron nitrides reacted with atmospheric oxygen and formed iron oxides. Chrome steel which has been nitrided nine times contains iron oxides and nitrides on the surface; phases containing chromium are absent. Excessive and repeated nitriding impairs the quality of the nitrided layer of high-chrose steels. Orig. ert. has: 2 figures and 2 tables. SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 003 Card 1/1 TUG: 621.785.531667.14.018,25

